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ABSTRACT

This document presents a summary of the characteristics (age, previous participation, geographic distribution, major educational assignment, subject matter responsibility, level of assignment, and name of school where employed) of applicants and participants in National Science Foundation (NSF) funded institute and research participation projects for science, mathematics, and engineering teachers throughout the United States during the summer of 1961 and the 1961-62 school year. (SL)

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Summary

of the

APPLICANT RECORD CARDS

submitted to the

FISCAL YEAR 1961

NATIONAL SCIENCE FOUNDATION

INSTITUTES, CONFERENCES

and

RESEARCH PARTICIPATION PROGRAMS

SE 023 908

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D. C.

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Research Participation Programs

Prepared for the National Science Foundation

by

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Kensington, Maryland

Under Contract NSF-C 215

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FOREWORD

The National Science Foundation Institute programs are designed to make it possible for in-service teachers in elementary schools, secondary schools, and colleges to obtain additional instruction and become acquainted with new developments in science and mathematics.

The Foundation supports the following programs:

1. Summer Institutes for high school and college teachers of science, mathematics, and engineering; for technical institute personnel; and for elementary school supervisors and teachers. These Institutes have been conducted annually since the summer of 1953, when two institutes were held for college teachers. A pilot program for elementary school supervisors and teachers was initiated in 1959 and was continued in 1960 and 1961.
2. Academic Year Institutes for high school and college teachers of science and mathematics, conducted through the entire academic year of full-time study. These Institutes have been supported by the Foundation since the academic year 1956-57 at colleges and universities which have offered a program of specially-designed year-long courses of study.
3. In-Service Institutes for high school teachers of science and mathematics, and for elementary school supervisors and teachers.
4. Research Participation Programs for selected secondary teachers.
5. Research Participation Programs for selected college teachers.
6. Summer Conferences for selected college teachers.

There were 35,777 participants in these six National Science Foundation Programs conducted during the summer of 1961 and the academic year 1961-62, for whom Institute and Program Directors submitted detailed information on participant cards.

The table below indicates the relative magnitudes of the various programs.

Program	Applications	Applicants	Participants
1. Summer Institutes (College, Secondary and Elementary Teachers)	199,862	67,534	20,946
2. Academic Year Institutes (Secondary and College Teachers)	16,438	6,171	1,561
3. In-Service Institutes (Secondary and Elementary Personnel)	14,760	12,442	11,938
4. Research Participation Programs (Secondary Teachers)	1,688	1,489	381
5. Research Participation Programs (College Teachers)	Not Available	Not Available	301
6. Summer Conferences (College Teachers)	1,246	761	650
TOTAL	233,994	88,397	35,777

The Foundation provides support for Institutes on the basis of proposals submitted by colleges and universities outlining the work that will be offered. Foundation funds may be used to pay the principal management and instructional costs, and provide stipends and travel and dependency allowance for teacher-participants, except in the case of In-Service Institutes. The latter do not provide stipends or dependency allowances. Institutes receiving grants are responsible for the administration of the Institute program, including selection of faculty and teacher-participants, payment of stipends, planning and conducting courses, seminars, activities, etc.

An Institute may offer work in a single field (i.e., biology) or in several areas (i.e., chemistry, physics, and mathematics). Graduate credit is frequently available to those who complete the work successfully.

These Institutes are characterized by offering subject matter courses especially designed for the teachers who attend and by being organized to give ample opportunity for informal contacts outside the classroom among the participants and staff.

During the Fiscal Year ended June 30, 1962, the Foundation supported 748 Institute programs. Of these, 417 were Summer Institutes (including 23 shorter Summer Conferences for college teachers), 43 Academic Year Institutes, and 288 In-Service Institutes.

Over 35,000 teachers received financial assistance which enabled them to pursue further study in the fields of science and mathematics.

This report summarizes the characteristics and distribution of the applications submitted, and the participants in the various programs administered by the National Science Foundation for special advanced training of school teachers throughout the United States.

NATIONAL SCIENCE FOUNDATION
1961 SUMMER INSTITUTES FOR SCIENCE AND MATHEMATICS TEACHERS
APPLICANT RECORD CARD

1. YOUR COMPLETE NAME _____ (LAST / FIRST / MIDDLE)
2. SOCIAL SECURITY NO. _____ 3. DATE OF BIRTH _____ (MO. DAY YEAR)
4. YOUR ADDRESS _____ (STREET)
_____ (CITY / STATE)
5. MAJOR TEACHING ASSIGNMENTS
COLLEGE ☐ JUNIOR COLLEGE ☐ SECONDARY (GR 7-12) ☐
ELEMENTARY (GR 1-6) ☐ SUPERVISOR ☐ PRINCIPAL ☐
OTHER ☐ _____
6. APPLICATION MADE TO: ☐☐
_____ (NAME OF INSTITUTION)
7. NAME OF DIRECTOR: _____
8. PREVIOUS ATTENDANCE AT NSF SPONSORED TEACHER TRAINING PROGRAMS: (SEE REVERSE SIDE FOR INSTRUCTIONS)

NAME OF INSTITUTION	TYPE OF PROGRAM						YEAR	STIPEND		
	SI	AYI	ISI	RPTT	SFSST	CONF		FULL	PART	NONE

TO DIRECTOR (CHECK ONLY FOR APPLICANTS SELECTED TO PARTICIPATE): ____ FULL STIPEND ____ PARTIAL STIPEND ____ NO STIPEND BUT TUITION FREE

NSF FORM 9C-25R NOV. 1960

IBM D25277-0

INSTRUCTIONS TO THE APPLICANT

THIS CARD MUST ACCOMPANY EVERY APPLICATION SUBMITTED TO A 1961 TEACHER - TRAINING PROGRAM SPONSORED BY THE NATIONAL SCIENCE FOUNDATION. PLEASE PRINT. DO NOT FOLD, SPINDLE OR MUTILATE.

DIRECTIONS FOR COMPLETING ITEM 8

BEGINNING WITH MOST RECENT PROGRAM ATTENDED FURNISH THE FOLLOWING INFORMATION:

NAME OF INSTITUTION - PRINT NAME OF COLLEGE OR UNIVERSITY AT WHICH YOU PARTICIPATED IN AN NSF-SPONSORED TEACHER-TRAINING PROGRAM.

TYPE OF PROGRAM ATTENDED - MARK AN X IN THE APPROPRIATE COLUMN TO INDICATE TYPE OF PROGRAM ATTENDED AT THAT INSTITUTION:

SI =SUMMER INSTITUTE FOR TEACHERS OF MATHEMATICS OR SCIENCE.

AYI =ACADEMIC YEAR INSTITUTE FOR TEACHERS OF MATHEMATICS OR SCIENCE.

ISI =IN-SERVICE INSTITUTE FOR TEACHERS OF MATHEMATICS OR SCIENCE.

RPTT =RESEARCH PARTICIPATION FOR TEACHER TRAINING.

SFSST =SUMMER FELLOWSHIP FOR SECONDARY SCHOOL TEACHERS.

CONF. =SUMMER CONFERENCE FOR COLLEGE TEACHERS.

YEAR - INDICATE THE CALENDAR YEAR DURING WHICH YOUR ATTENDANCE AT THAT PROGRAM BEGAN.

STIPEND - MARK AN X IN THE APPROPRIATE COLUMN TO INDICATE WHETHER YOU RECEIVED FULL STIPEND, PARTIAL STIPEND, OR NO STIPEND FROM NSF FUNDS DURING YOUR ATTENDANCE AT THAT PROGRAM.

THIS APPLICATION RECORD MUST BE SENT WITH YOUR APPLICATION FORM TO THE PROGRAM DIRECTOR. HE WILL FORWARD IT TO THE FOUNDATION.

Budget Bureau No. 99-R080.2 APPROVAL EXPIRES DEC. 31, 1961

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INTRODUCTION

Directors of the respective institutes and programs submitted Applicant Record Cards to the National Science Foundation on standard NFS forms, with data entered by the applicant and checked as required. Although some applicants neglected to enter all the information or to check all boxes as required, the number of all such errors and omissions was relatively small (less than one percent).

The Applicant Record Cards (same size as IBM cards) were alike for each program, except for color of printing and specific program identification.

A six-digit serial number was assigned to each Applicant Record Card for reference, and the standard code for each Institution and Institute was punched into the Applicant Record Cards.

Data from all cards submitted were converted to IBM punch cards in the format listed below for processing on IBM equipment.

Item	Card Columns
Serial Number	1 - 6
First Name Initial; Middle Initial	7 - 8
Last Name	9 - 20
Social Security Number	21 - 29
Date of Birth (Month-Day-Year)	30 - 35
Street Address	36 - 49
City	50 - 59
State	60 - 64
Institution Number	65 - 68
Institution Letter	69
Major Teaching Assignments	70
Previous Attendance at NSF-sponsored programs	71
Selected to participate in current program	72
Year of Program	80

The cards were then used to produce tabulations on IBM equipment consisting of punchcard processing machines and an IBM Electronic Computer.

Table 1. SUMMARY OF APPLICANT AND PARTICIPANT DATA BY TYPE OF PROGRAM

Type of Program	No. of Programs	No. of Applications	No. of Applicants	No. of Participants
AYI College Teachers	3	627	317	94
AYI Secondary School Teachers	34	14,163	5,125	1,224
AYI Secondary and College Teachers	6	1,648	729	243
SI College Teachers	44	9,426	5,014	872
SI Secondary Teachers	~~309~~ 333	172,329	54,124	18,204
SI College and Secondary Teachers	~~22~~ 31	7,063	3,179	1,215
SI Elementary Teachers	19	11,044	5,217	655
ISI Secondary Teachers	252	13,148	10,927	10,726
ISI Elementary Teachers	34	1,569	1,472	1,175
ISI Elementary and Secondary Teachers	1	43	43	37
Conference (College Teachers)	23	1,246	761	650
Research (College Teachers)	54	*	*	301
Research (Secondary Teachers)	51	1,688	1,489	381
TOTAL	~~859~~ 895	233,994	88,397	35,777

*Not Available

Table 2. SUMMARY OF APPLICANT AND PARTICIPANT DATA BY LEVEL OF PROGRAM

Program Level	No. of Programs	No. of Applications	No. of Applicants	No. of Participants
College Teachers	124	11,494*	6,270*	1,966
Secondary School Teachers	~~646~~ 669	201,133	71,487	30,486
Elementary Teachers	53	12,613	6,689	1,830
Mixed Programs	~~29~~ 28	8,754	3,951	1,495
TOTAL	~~852~~ 895	233,994	88,397	35,777

*Does not include Research Program for college teachers

Section I

Characteristics of Applicants and Participants

The National Science Foundation sponsored thirteen types of programs during the summer of 1961 and the school year 1961-62. There were 852 separate Institutes, of which 417 were conducted during the summer of 1961. There were 43 Academic Year Programs, 287 In-Service Programs and 105 Research Participation Programs.

Directors of the Institutes received 234,000 applications from over 88,000 applicants, of whom slightly more than 35,000 were selected for participation.

Applications to the Directors of Summer Institutes totalled 200,000, about 84 percent of the total. This number of applications was approximately 30 percent higher than those submitted to Summer Institute Directors in 1960, while the number of applicants exceeded 1960 applicants by about 37 percent. Detailed data on participants in 1960 are not available.

A total of 35,777 persons participated in the 1961-62 programs, indicating an average selection of one participant from every 2.47 applicants (100 participants from each 247 applicants).

For all programs the overall average was 2.65 applications per applicant.

Table 1 presents the numerical data from the thirteen program types, showing the number of programs, the number of applications received, the number of persons applying, and the number of persons selected to participate.

Three-fourths of the programs were established for secondary school teachers, approximately six percent were established specifically for elementary teachers, 15 percent specifically for college teachers, and the remainder were mixed programs.

Table 2 shows the breakdown of applications, applicants, and participants according to the four program levels established by NSF.

Table 3 DISTRIBUTION OF APPLICANTS BY MAJOR TEACHING ASSIGNMENT AND BY PROGRAM TYPE

Program Type	College	Junior College	Secondary 7-12	Elementary 1-6	Super-visors	Princi-pals	Other	TOTAL*
SI	3,373	1,106	56,311	4,628	1,169	1,677	2,907	67,534
AYI	104	501	5,482	415	273	173	317	6,171
ISI	64	137	11,598	1,175	147	284	313	12,442
RPSST	45	133	1,311	2	5	3	10	1,489
Conference	395	412	135	10	4	1	42	761
TOTAL	3,981	2,289	74,837	6,230	1,598	2,138	3,589	88,397

Table 4 DISTRIBUTION OF PARTICIPANTS BY MAJOR TEACHING ASSIGNMENT AND BY PROGRAM TYPE

								*
SI	674	198	18,654	718	229	428	534	20,946
AYI	59	35	1,449	9	11	13	36	1,561
ISI	38	77	10,499	1,175	147	284	313	11,938
RPSST	15	34	336	1	4	6	13	381
Conference	587	62	111	4	2	1	16	650
TOTAL	1,373	406	31,049	1,907	393	732	912	35,476

* Data do not crossfoot horizontally because some participants checked more than one major teaching assignment.

Table 5 DISTRIBUTION OF APPLICANTS BY MAJOR TEACHING ASSIGNMENT AND BY PROGRAM LEVEL

Program Level	College	Junior College	Secondary 7-12	Elementary 1-6	Super-visors	Princi-pals	Other	TOTAL
College	3,236	1,456	497	0	265	17	1,299	6,270
Secondary	419	331	70,062	114	1,124	1,802	1,604	71,487
Elementary	4	18	466	6,078	288	116	242	6,689
Mixed Levels	322	484	3,812	38	321	203	444	3,951
TOTAL	3,981	2,289	74,837	6,230	1,598	2,138	3,589	88,397

Table 6 DISTRIBUTION OF PARTICIPANTS BY MAJOR TEACHING ASSIGNMENT AND BY PROGRAM LEVEL

College	839	323	127	0	85	8	304	1,665
Secondary	218	3	29,948	49	189	660	427	30,486
Elementary	2	2	12	1,812	51	17	59	1,830
Mixed Levels	314	78	962	36	68	47	122	1,495
TOTAL	1,373	406	31,049	1,907	393	732	912	35,476

Approximately seven percent of all applicants were teachers in colleges and junior colleges, 85 percent secondary school teachers, and seven percent elementary teachers. The remainder were supervisors, principals, and other personnel.

Approximately 87 percent of all participants were secondary school teachers, five percent elementary teachers, five percent college teachers, and the remainder in supervisory or administrative positions.

Table 3 shows the distribution of applicants by major teaching assignment and program. The numerical data on any single line do not crossfoot horizontally to the right-hand total because some applicants checked more than one major teaching assignment.

Table 4 presents the distribution of participants by major teaching assignment and by program type. The breakdown of applicants and participants by major teaching assignment and by program level are shown in Tables 5 and 6.

Approximately 60 percent of all participants received full stipends, 39 percent received partial stipends, and less than one percent received no stipend. Of the 13,886 persons granted partial stipends, approximately 86 percent were in the In-Service Programs, in which almost all participants received partial stipends. Table 7 below summarizes the breakdown by program.

Table 7 DISTRIBUTION OF PARTICIPANTS BY PROGRAM AND BY STIPEND STATUS

Type of Program	Total Participants	Granted Full Stipend	Granted Partial Stipend	Granted No Stipend
AYI College Teachers	94	92	2	0
AYI Secondary Teachers	1,224	1,175	49	0
AYI Coll. & Secondary	243	237	6	0
SI College Teachers	872	857	15	0
SI Secondary Teachers	18,204	16,524	1,593	87
SI College & Secondary	1,215	948	245	22
SI Elementary	655	651	4	0
ISI Secondary	10,726	12	10,691	23
ISI Elementary	1,175	4	1,164	7
ISI Elem. & Sec.	37	0	37	0
Conference (Coll.)	650	593	54	3
Research (Coll.)	301	*	*	*
Research (Secondary)	381	350	26	5
TOTAL	35,777	21,443	13,886	147

* Not Available

Table 9A

DISTRIBUTION OF APPLICANTS BY AGE GROUPS AND BY PROGRAM

	AYI College	AYI Secondary	AYI C & S	SI College	SI Secondary	SI C & S	SI Elem.	IS Secondary	IS Elem.	IS S & E	College Conferen
20 & under	0	1	0	0	23	3	1	3	2	0	0
21-25	15	611	19	413	5,633	441	242	1,317	214	13	14
26-30	98	1,529	219	1,171	10,191	552	703	3,154	407	17	112
31-35	74	992	165	1,155	10,007	509	921	1,802	186	6	107
36-40	49	723	131	694	7,426	410	839	1,432	170	2	101
41-45	21	339	58	567	5,108	263	648	960	68	2	94
46-50	11	301	32	363	4,279	213	540	705	53	1	90
51-55	6	184	17	211	3,228	146	388	683	41	1	88
56-60	3	76	7	104	1,752	59	197	226	19	1	76
61-65	2	70	2	15	981	31	116	204	12	0	32
66 & over	0	3	0	2	98	4	10	8	2	0	8
TOTALS*	279	4,829	650	4,695	48,726	2,631	4,605	10,494	1,174	43	722

Table 9B

DISTRIBUTION OF PARTICIPANTS BY AGE GROUPS AND BY PROGRAM

20 & under	0	0	0	0	0	0	0	0	0	0	0
21-25	2	164	7	54	2,647	277	49	1,293	199	12	10
26-30	31	402	76	262	7,079	239	114	3,132	364	15	85
31-35	24	194	59	191	4,176	208	117	1,786	180	5	94
36-40	15	187	42	142	2,109	181	101	1,419	155	2	91
41-45	11	98	31	93	836	126	92	948	62	1	79
46-50	6	69	12	47	411	94	73	682	50	1	78
51-55	1	43	4	36	264	57	41	656	36	1	72
56-60	1	17	2	8	81	6	22	219	12	0	63
61-65	0	4	0	2	16	1	2	201	6	0	27
66 & Over	0	0	0	0	0	0	0	6	0	0	7
TOTALS*	91	1,178	233	835	17,619	1,189	611	10,342	1,064	37	606

* Persons who did not give year of birth have not been included.

Section II

Distribution of Applicants and Participants by Age

Using the dates of birth entered on the Applicant Record Cards submitted by all applicants, it was determined that the youngest applicant was only 19 years of age, while the oldest applicant was 81. These were the extremes. For most programs, the oldest applicant was in the early 60's, the youngest 20 or 21. The average age of all applicants in the respective programs ranged from 34 to 38 for the major programs.

For participants the youngest age was 21 in each program, while the oldest participant was almost always in the late 50's. The average age of participants went from a low of 32 years to a high of 36 years for the major programs. For the elementary teachers and for colleges conferences, the averages were 39 and 43, respectively.

Table 8 presents the ages of the youngest and oldest applicants and participants, as well as averages of all persons in each program.

Table 9 presents the distribution of applicants and participants by age groups and by program, the age groups being in intervals of five years.

Persons who did not give year of birth on the Applicant Record Cards were not included in the computation of averages.

Table 8 DISTRIBUTION OF APPLICANTS AND PARTICIPANTS BY AGE AND BY PROGRAM TYPE

Program Type	Applicants			Participants		
	Youngest	Oldest	Average	Youngest	Oldest	Average
AYI College	21	61	34	21	58	33
AYI Secondary	20	59	34	21	56	33
AYI College & Sec.	21	60	34	21	57	32
SI College	21	54	38	21	53	36
SI Secondary	18	65	37	21	58	36
SI College & Sec.	20	58	37	21	56	36
SI Elementary	19	81	40	21	59	39
IS Secondary	20	69	36	21	58	35
IS Elementary	20	66	36	21	61	34
IS Sec. & Elem.	21	62	35	21	57	34
College Conference	21	70	42	21	70	42

Table 10

Extent of Sequential Participation

Participants in 1961 Who Also Attended Programs at the Same Institution in 1960 or 1959

Total Numbers in 1961 Program	Participated in 1961 Program	During 1960 TOTAL	SI	AYI	ISI	RP	SSFST	CONF.	During 1959 TOTAL	SI	AYI	ISI	RP	SSFST	CONF.
94	AYI College	4	2	0	2	0	0	0	2	1	0	1	0	0	0
1,224	AYI Secondary	49	34	0	15	0	0	0	35	21	0	14	0	0	0
243	AYI Coll. & Sec.	12	7	0	5	0	0	0	4	2	0	2	0	0	0
872	SI College	151	121	0	26	2	2	0	89	72	2	11	0	2	2
18,204	SI Secondary	3,460	2,743	0	679	11	12	15	2,075	1,724	41	254	0	40	16
1,215	SI Coll. & Sec.	176	133	0	35	3	2	3	116	95	2	15	0	2	2
655	SI Elementary	125	96	0	26	1	1	1	53	42	1	8	0	1	1
10,726	ISI Secondary	2,243	52	69	2,076	17	24	5	1,051	275	57	696	0	19	4
1,175	ISI Elementary	223	5	5	207	1	4	1	136	39	7	85	0	3	2
37	ISI Elem. & Sec.	5	2	0	0	3	0	0	4	1	1	2	0	0	0
650	Conference	28	18	2	2	0	0	6	10	6	0	2	0	0	2
381	Research (Sec.)	22	8	0	0	13	0	0	0	0	0	0	0	0	0
35,476	TOTAL	6,498	3,221	76	3,073	51	45	31	3,575	2,278	111	1,090	0	67	29

Table 11

Extent of Sequential Participation

Participants in 1961 Who Also Attended Programs at Different Institutions in 1960 or 1959

Total Numbers in 1961 Program	Participated in 1961 Program	TOTAL	SI	AYI	ISI	RP	SSFST	CONF.	TOTAL	SI	AYI	ISI	RP	SSFST	CONF.
94	AYI College	32	24	0	7	0	1	0	11	1	0	8	1	0	1
1,224	AYI Secondary	412	302	0	102	3	4	1	76	7	0	58	2	2	7
243	AYI Coll. & Sec.	85	63	0	20	1	1	0	15	1	0	12	1	0	1
872	SI College	108	65	2	26	5	2	8	192	151	4	21	3	12	1
18,204	SI Secondary	2,560	1,761	38	542	17	26	176	3,015	2,258	117	452	26	38	124
1,215	SI Coll. & Sec.	169	108	3	36	7	3	12	292	204	14	43	12	17	2
655	SI Elementary	74	43	1	19	4	1	6	148	107	8	21	3	8	1
10,726	ISI Secondary	1,194	738	51	392	0	0	13	992	655	86	223	0	12	16
1,175	ISI Elementary	112	61	6	41	0	0	4	123	83	9	24	0	2	5
37	ISI Elem. & Sec.	3	2	0	1	0	0	0	4	3	0	1	0	0	0
650	Conference	23	16	1	2	0	0	4	15	10	3	0	0	0	2
381	Research (Sec.)	156	68	73	8	7	0	0	145	108	24	3	5	5	0
35,476	TOTAL	4,928	3,251	175	1,196	44	38	224	5,028	3,588	265	866	53	96	160

Section III

A. Extent of Prior Participation at Same Institution or at Different Institutions

Approximately 18 percent of all participants in the 1961 program had participated in a program during 1960 at the same institution, while another 10 percent had participated in a program at the same institution during 1959.

About 13.5 percent of the 1961 participants were enrolled in programs at other institutions during 1960 while another 14 percent were enrolled in programs at other institutions during 1959.

Combining the participation at all institutions, about 32 percent of all 1961 participants were enrolled at some institute during 1960, and another 24 percent had been enrolled in some program during 1959. Some participants attended Institutes in both years.

Table 10 shows the distribution of 1961 participants who also attended programs at the same institution in 1960 or 1959.

Table 11 shows the 1961 participants who also attended programs at a different institution in 1960 or 1959.

B. Participants With No Previous Participation

Approximately 49.2 percent of all participants indicated on their Applicant Record Cards that they had not previously attended any NSF-sponsored program, the remaining 50.8 percent indicating previous participation and listing the programs they had attended in prior years.

The distribution of those participants who had not previously attended an NSF-sponsored program was as follows:

	Number of Persons	Percent of Participants
1. Summer Institutes for Secondary Teachers	9,171	(45%)
2. Academic Year Institutes	463	(30%)
3. Summer Institutes for Elementary Teachers	555	(85%)
4. In-Service Programs	6,795	(57%)
5. Research Programs	82	(30%)
6. Summer Conferences	379	(59%)
TOTAL	17,445	

C. Participants With Previous Participation

The 18,031 persons who indicated previous participation furnished detailed data as to the Institutes and/or Programs they had previously attended, the type of program, the year attended, and the type of stipend. Those who attended more than one previous program listed all Institutes and Programs they attended.

An analysis of data for participants with previous attendance at any Institute or Program showed that of the 18,031 participants the distribution of previous participation was as follows:

Attended	Number of Persons	Percent of Total
One previous program	10,358	58
Two previous programs	4,839	27
Three previous programs	1,936	11
Four previous programs	596	3
Five previous programs	76	0.4
TOTAL	17,805	
Incomplete or faulty data	226	

Table 12 summarizes the distribution of previous participation by program and frequency indicated by the participants. (See following pages.)

Table 12 DISTRIBUTION OF PREVIOUS PARTICIPATION BY PROGRAM AND FREQUENCY

	Summer Inst.	Acad. Year	In-Serv.	Research	Fellow-ship	Confer-ence	Total
ONE PROGRAM ONLY	7,483	284	2,237	88	164	103	10,358
TWO PROGRAMS (2 of a kind)	2,637	31	386	14	56	9	3,133
TWO PROGRAMS (A pair)							
Summer & AYI	(223)	(233)					223
Summer & In-Service	(1,259)		(1,259)				1,259
Summer & Research	(70)			(70)			70
Summer & Fellowship	(31)				(31)		31
Summer & Conference	(27)					(27)	27
AYI & In-Service		(30)	(30)				30
AYI & Research		(4)		(4)			4
AYI & Fellowship		(13)			(13)	(1)	13
AYI & Conference		(1)					1
In-Service & Research			(15)	(15)			15
In-Service & Fellowship			(26)		(26)		26
In-Service & Conference			(2)			(2)	2
Research & Fellowship				(3)	(3)		3
Research & Conference				(2)		(2)	2
THREE PROGRAMS (3 of a kind)	683	0	66	0	23	1	773
THREE PROGRAMS (2 of first -1)							
(2)Summer &(1) AYI	(125)	(125)					125
(2)Summer &(1) In-Service	(555)		(555)				555
(2)Summer &(1) Research	(30)			(30)			30
(2)Summer &(1) Fellowship	(6)				(6)		6
(2)Summer &(1) Conference	(8)					(8)	8
(2)AYI &(1) Summer	(11)	(11)					11
(2)AYI &(1) In-Service		(2)	(2)				2
(2)In-Service &(1) Summer	(294)		(294)				294
(2)In-Service &(1) AYI		(5)	(5)				5
(2)In-Service &(1) Research			(3)	(3)			3
(2)In-Service &(1) Fellowship			(9)		(9)		9
(2)Research &(1) Summer	(4)			(4)			4
(2)Research &(1) In-Service			(3)	(3)			3
(2)Research &(1) Fellowship				(2)	(2)		2
(2)Fellowship &(1) Summer	(9)				(9)		9
(2)Fellowship &(1) AYI		(4)			(4)		4
(2)Fellowship &(1) In-Service			(7)		(7)		7
(2)Fellowship &(1) Research				(1)	(1)		1
(2)Conference &(1) Summer	(5)					(5)	5
(2)Conference &(1) Research				(2)			2
THREE DIFFERENT PROGRAMS							
Summer, AYI, In-Service	(35)	(35)	(35)				35
Summer, AYI Research	(15)	(15)		(15)			15
Summer, AYI Feollowship	(4)	(4)			(4)		4

	Summer Inst.	Acad. Year	In-Serv.	Research	Fellow-Ship	Confer-ence	Total
Summer, In-Service, Research	(14)		(14)	(14)			14
Summer, In-Service, Fellowship	(6)		(6)		(6)		6
Summer, Research, Fellowship	(1)			(1)	(1)		1
AYI, In-Service, Fellowship		(3)	(3)		(3)		3
FOUR PROGRAMS							
Four of a kind	116	0	11	0	2	0	129
(3)Summer &(1) AYI	(22)	(22)					22
(3)Summer &(1) In-Service	(134)		(134)				134
(3)Summer &(1) Research	(13)			(13)			13
(3)Summer &(1) Fellowship	(1)				(1)		1
(3)In-Service &(1) Summer	(42)		(42)				42
(3)In-Service &(1) AYI		(2)	(2)				2
(3)In-Service &(1) Fellowship			(2)		(2)		2
(3)In-Service &(1) Conference			(1)			(1)	1
(3)Fellowship &(1) Summer	(2)				(2)		2
(3)Fellowship &(1) In-Service			(3)		(3)		3
(3)Fellowship &(1) AYI		(1)			(1)		1
TWO PAIR							
(2)Summer &(2) AYI	(5)	(5)					5
(2)Summer &(2) In-Service	(176)		(176)				176
(2)Summer &(2) Research	(1)			(1)			1
(2)Summer &(2) Conference	(3)					(3)	3
(2)In-Service &(2) Fellowship			(1)		(1)		1
(2)Research &(2) AYI		(1)		(1)			1
(2)Summer(1)AYI(1) In-Serv.	(27)	(27)	(27)				27
(2)Summer(1)AYI(1) Research	(4)	(4)		(4)			4
(2)Summer(1)AYI(1) Fellowsh.	(1)	(1)			(1)		1
(2)Summer(1)In-Serv.(1)Res.	(6)		(6)	(6)			6
(2)Summer(1)In-Serv.(1)Fellow	(4)		(4)		(4)		4
(2)Summer(1)In-Serv.(1)Conf.	(3)		(3)			(3)	3
(2)In-Serv.(1)Summer(1)AYI	(5)	(5)	(5)				5
(2)In-Serv.(1)Summer(1)Conf.	(1)		(1)				1
(2)In-Serv.(1)Summer(1)Res.	(1)		(1)	(1)			1
(2)Res.(1)Summer(1)Fellowsh.	(1)			(1)	(1)		1
(2)Fellowsh.(1)Summer(1)In-Sr	(1)		(1)		(1)		1
(2)Conference(2)Research				(1)		(1)	1
FIVE PROGRAMS							
Five of a kind	7	0	0	0	0	0	7
(4)Summer&(1) AYI	(1)	(1)					1
(4)Summer&(1) In-Service	(10)		(10)				10
(4)In-Service &(1)Summer	(2)		(2)				2
(3)Summer &(2)In-Service	(11)		(11)				11
(3)In-Service &(2) Summer	(8)		(8)				8
All other combinations							37

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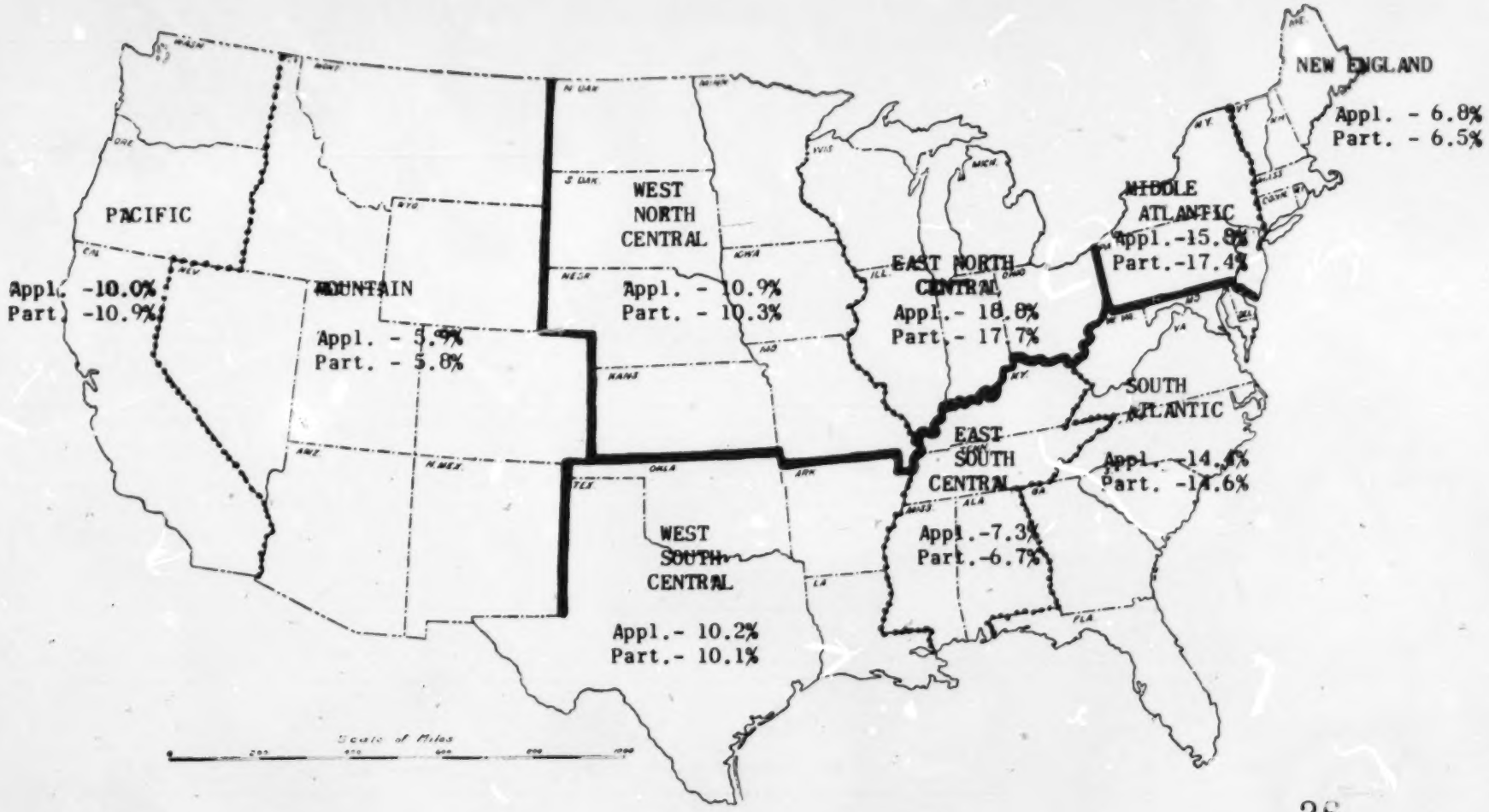
GEOGRAPHIC PERCENTAGE DISTRIBUTION OF APPLICANTS AND PARTICIPANTS



Section IV

Geographical Distribution of Applications, Applicants, and Participants

Approximately 24 percent of all applications came from residents of the Northeastern Region of the United States, 30 percent from the North Central Region, 29 percent from the South, and 17 percent from the West. These percentages are near the U. S. population distribution as reported in the 1960 census (N. E. 24.9 percent; N. C. 28.8 percent; South 30.6 percent; West 15.6 percent).

The distribution of participants differed somewhat from the distribution of applicants, approximately 20 percent of the participants being from the Northeast as against 22 percent of the applicants living in that area; 31 percent of the participants living in the North Central Region as against 30 percent of the applicants; 34 percent of the participants lived in the South as against 32 percent of the applicants; 15 percent of the participants in the West as against 16 percent of the applicants living there.

The largest number of participants came from the state of New York (8.4 percent), followed by California (6.8 percent), Pennsylvania (5.8 percent), Texas (4.4 percent), Illinois (4.3 percent), Ohio (4.2 percent), and Michigan (4. 0 percent).

New York City had the largest number of participants of the twenty largest metropolitan areas.

Table 13 presents the geographical distribution of applications, applicants, and participants by the four regions, by census division, by state, and by major city.

Table 14 presents the percentage distribution of these data in the same geographical breakdown.

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Geographic Percentage Distribution of Applications, Applicants,
Participants in Each Major Program Type
(By Region, Census Division, State, and Major City)

Table 13

	NO. OF APPLICATIONS					
	TOTAL	SI	AYI	ISI	RPSST	CONF.
U. S. TOTAL	222228	188603	16214	14504	1683	1224
Regions						
North East	54154	46401	2755	4241	513	244
North Central	66204	56478	5428	3508	403	387
South	64580	55362	4411	4151	232	424
West	37290	30362	3620	2604	535	169
New England	14375	12325	847	1049	104	50
Maine	1124	1012	92	10	5	5
New Hampshire	940	776	93	64	4	3
Vermont	1004	813	136	43	8	4
Massachusetts	6444	5624	330	419	48	23
Rhode Island	835	647	79	95	11	3
Connecticut	4028	3453	117	418	28	12
Middle Atlantic	39779	34076	1908	3192	409	194
New York	20981	18136	869	1626	254	96
New Jersey	6691	5857	217	523	73	21
Pennsylvania	12107	10083	822	1043	82	77
East North Central	40634	34890	2686	2575	263	220
Ohio	8601	7382	552	561	61	45
Indiana	6002	5045	338	549	33	37
Illinois	10164	8874	614	564	67	45
Michigan	10194	8884	548	672	44	46
Wisconsin	5673	4705	634	229	58	47
West North Central	25552	21588	2724	933	140	167
Minnesota	6410	5582	691	81	26	30
Iowa	5317	4428	562	255	30	42
Missouri	4409	3827	321	219	12	30
North Dakota	1238	924	210	73	20	11
South Dakota	1138	926	150	37	15	10
Nebraska	2621	2219	281	90	14	17
Kansas	4419	3682	509	178	23	27
South Atlantic	28702	24272	2001	2124	134	171
Delaware	499	421	19	39	16	4
Maryland	3239	2817	191	204	6	21
D. C.	724	618	25	70	6	5
Virginia	4243	3470	287	439	25	22
West Virginia	2432	2250	147	3	10	22
North Carolina	4591	3941	349	252	13	36
South Carolina	3592	3183	258	102	4	25
Florida	3220	2588	268	320	24	20
Georgia	6182	4984	457	695	30	16

Foldout 1

NO. OF APPLICANTS						NO. OF PARTICIPANTS					
TOTAL	SI	AYI	ISI	RPSST	CONF.	TOTAL	SI	AYI	ISI	RPSST	CONF.
81866	61160	6143	12320	1487	757	33901	19546	1529	11808	381	637
18896	13679	1253	3353	457	153	8094	4389	286	3193	98	128
23215	17762	1850	3001	367	232	9529	5877	485	2848	120	199
26297	20205	1834	3795	206	257	10626	6252	442	3663	52	217
13462	9514	1206	2171	457	114	5652	3028	316	2104	111	93
5670	4182	495	862	94	37	2204	1253	88	812	22	29
556	477	62	9	4	4	136	117	5	9	1	4
426	319	40	60	4	3	179	110	8	58	1	2
461	371	39	41	7	3	156	105	5	40	4	2
2406	1745	233	368	45	15	925	505	41	359	10	10
482	334	54	82	10	2	152	62	12	75	2	1
1339	936	67	302	24	10	656	355	17	271	4	10
13226	9497	758	2491	363	117	5892	3138	198	2381	76	99
6583	4789	364	1145	221	64	2861	1574	77	1106	53	51
2324	1695	89	455	68	17	1050	581	22	420	14	13
4319	3013	305	891	74	36	1981	983	99	855	9	35
14260	10789	937	2164	240	130	6031	3545	265	2050	66	105
3308	2540	194	489	54	31	1427	869	56	469	11	22
2233	1591	106	486	29	21	964	459	28	453	6	18
3346	2561	215	482	62	26	1463	910	62	448	18	25
3277	2477	230	501	42	27	1372	800	55	482	13	22
2096	1620	192	206	53	25	805	507	64	198	18	18
8952	6973	913	837	127	102	3498	2332	220	798	54	94
1900	1607	177	70	24	22	675	529	52	64	9	21
1661	1162	219	224	27	29	713	410	43	214	19	27
1666	1295	149	196	10	16	706	473	33	187	0	13
675	527	53	70	19	6	214	103	25	69	12	5
619	508	61	32	14	4	178	126	15	29	5	3
887	684	95	84	14	10	369	260	17	81	1	10
1544	1190	159	161	19	15	643	431	35	154	8	15
11938	8953	847	1913	117	108	4938	2760	222	1834	25	97
261	205	10	28	15	3	99	63	3	25	5	3
1244	969	75	180	5	15	526	325	17	168	2	14
287	208	9	62	5	3	124	60	3	58	0	3
1898	1320	139	401	22	16	823	376	41	390	3	13
1016	897	95	2	9	13	226	195	17	2	2	10
2048	1594	199	221	11	23	732	478	21	212	0	21
1517	1343	77	82	3	12	506	388	30	76	1	11
1469	1018	124	293	21	13	665	314	53	278	8	12
2198	1399	119	644	26	10	1237	561	37	625	4	10

Region of Residence	NO. OF APPLICATIONS TOTAL	SI	AYI	ISI	RPSST	CONF.
East South Central	13533	11591	987	836	27	92
Kentucky	2282	2010	99	145	3	26
Tennessee	4209	3601	213	347	15	33
Alabama	4299	3779	347	150	4	19
Mississippi	2742	2201	328	194	5	14
West South Central	22345	19499	1423	1191	71	161
Oklahoma	3688	3191	242	209	19	27
Arkansas	2852	2535	147	134	3	33
Louisiana	3985	3185	316	450	5	29
Texas	11820	10588	718	398	44	72
Mountain	12942	10405	1586	724	168	59
Montana	1642	1139	323	164	6	10
Idaho	1050	806	201	30	6	7
Wyoming	720	588	118	10	2	2
Colorado	2836	2148	399	235	36	18
New Mexico	2266	1936	250	42	30	8
Arizona	2468	2161	79	166	57	5
Utah	1320	1806	170	31	24	9
Nevada	640	541	46	46	7	0
Pacific	24348	19957	2034	1880	367	110
Washington	4046	3349	496	175	17	9
Oregon	3785	3130	335	303	9	8
California	15645	12770	1128	1342	317	88
Alaska	159	134	22	0	0	3
Hawaii	713	574	53	60	24	2
Cities						
New York	5753	4798	169	748	16	22
Chicago	1009	801	122	74	5	7
Los Angeles	850	715	37	82	8	8
Philadelphia	1453	1276	48	106	11	12
Detroit	1410	1229	42	111	13	15
Houston	821	722	15	70	6	8
Baltimore	1135	1007	46	73	3	6
Cleveland	405	342	17	34	8	4
Washington	537	449	29	46	7	6
St. Louis	564	461	57	37	4	5
Milwaukee	613	533	26	39	8	7
San Francisco	434	346	40	31	13	4
Boston	355	305	16	23	7	4
Dallas	597	516	31	38	5	7
New Orleans	536	452	44	29	3	8
Pittsburgh	820	676	79	43	6	11
San Antonio	282	221	38	16	2	5
Seattle	412	333	44	30	1	4
San Diego	308	266	19	19	0	4
Buffalo	348	304	17	21	0	6

NO. OF APPLICANTS						NO. OF PARTICIPANTS					
TOTAL	SI	AYI	ISI	RPSST	CONF.	TOTAL	SI	AYI	ISI	RPSST	CONF.
6004	4751	406	774	23	50	2263	1397	75	747	6	38
1104	889	57	140	3	15	444	280	14	137	0	13
1947	1509	88	320	13	17	739	397	19	308	5	10
1740	1431	163	132	3	11	573	422	18	125	0	8
1213	922	98	182	4	7	507	298	24	177	1	7
8383	6501	610	1108	66	98	3425	2095	145	1082	21	82
1362	1026	104	203	17	12	731	483	31	201	6	10
1004	786	69	124	3	22	391	238	9	121	1	22
1817	1248	124	420	5	20	818	350	38	411	1	18
4200	3441	313	361	41	44	1485	1024	67	349	13	32
5018	3582	573	664	154	45	1959	1115	130	641	42	31
650	392	91	155	5	7	277	98	24	149	1	5
493	390	61	30	6	6	165	110	17	30	6	2
348	290	45	9	2	2	131	115	7	8	0	1
1115	694	157	217	34	13	493	238	28	211	5	11
763	639	59	32	26	7	225	154	23	30	14	4
770	540	25	148	54	3	378	215	10	142	10	1
611	440	114	29	21	7	181	125	17	28	4	7
268	197	21	44	6	0	109	60	4	43	2	0
8481	5962	633	1507	303	76	3693	1913	186	1463	69	62
1353	1014	152	165	15	7	584	376	37	162	2	7
1333	942	109	270	8	4	602	305	35	258	1	3
5193	3520	338	1014	259	62	2301	1103	100	987	60	51
108	87	19	0	0	2	26	24	2	0	0	0
494	399	15	58	21	1	180	105	12	56	6	1
2315	1540	64	689	7	15	972	508	31	415	5	13
408	279	49	72	3	5	184	87	22	69	2	4
351	243	28	80	4	6	180	75	27	72	2	4
576	439	31	101	6	9	274	139	31	94	4	6
542	407	35	104	6	10	277	142	34	89	3	9
331	249	26	67	4	5	169	79	18	65	3	4
410	317	29	69	2	3	200	113	21	62	2	2
171	122	18	32	5	4	85	39	11	29	3	3
226	164	21	43	4	4	111	48	15	41	4	3
235	173	22	35	2	3	99	53	11	30	2	3
218	159	22	39	5	3	125	70	13	36	4	2
189	130	17	30	10	2	83	39	7	28	7	2
150	109	11	22	5	3	75	41	7	20	4	3
252	188	19	35	4	5	113	62	9	34	4	4
203	153	17	26	3	4	92	54	10	21	3	4
328	246	29	42	4	7	137	79	12	38	3	5
117	78	18	16	2	3	52	29	6	13	2	2
157	104	21	29	1	2	73	38	10	22	1	2
130	97	12	19	0	2	57	31	8	16	0	2
140	106	9	21	0	4	67	41	7	16	0	3

Percentage Geographic Distribution of Applications, Applicants, Participants in Each Major Program Type
(By Region, Census Division, State, and Major City)

Table 14

	NO. OF APPLICATIONS					
	TOTAL	SI	AYI	ISI	RPSST	CONF.
Regions						
North East	24.4	24.6	14.6	29.2	30.5	19.9
North Central	29.8	29.9	28.8	24.2	23.9	31.6
South	29.1	29.3	23.4	28.6	13.8	34.6
West	16.8	16.1	22.3	18.0	31.8	13.8
New England	6.5	6.5	5.2	7.2	6.2	4.1
Maine	.5	.5	.6	.1	.3	.4
New Hampshire	.4	.4	.6	.4	.2	.3
Vermont	.4	.4	.8	.3	.5	.3
Massachusetts	2.9	2.9	2.0	2.9	2.9	1.9
Rhode Island	.4	.3	.5	.7	.7	.3
Connecticut	1.9	1.8	.7	2.9	1.7	1.0
Middle Atlantic	17.9	18.0	11.8	22.0	24.3	15.8
New York	9.4	9.6	5.3	11.2	15.1	7.8
New Jersey	3.0	3.1	1.3	3.6	4.3	1.7
Pennsylvania	5.4	5.3	5.1	7.2	4.9	6.3
East North Central	18.3	18.4	16.6	17.8	15.6	18.0
Ohio	3.9	3.9	3.4	3.9	3.6	3.7
Indiana	2.7	2.7	2.1	3.9	2.0	3.0
Illinois	4.6	4.7	3.8	3.9	4.0	3.7
Michigan	4.6	4.7	3.4	4.6	2.7	3.8
Wisconsin	2.6	2.5	3.9	1.6	3.4	3.8
West North Central	11.5	11.4	16.8	6.4	8.3	13.6
Minnesota	2.9	2.9	4.3	.6	1.5	2.5
Iowa	2.4	2.3	3.5	1.8	1.8	3.4
Missouri	2.0	2.0	2.0	1.5	.7	2.5
North Dakota	.6	.5	1.3	.5	1.2	.9
South Dakota	.5	.5	.9	.3	.9	.8
Nebraska	1.2	1.2	1.3	.7	.8	1.4
Kansas	2.0	2.0	3.1	1.2	1.4	2.2
South Atlantic	12.9	12.9	12.3	14.6	8.0	14.0
Delaware	.2	.2	.1	.3	1.0	.3
Maryland	1.5	1.2	1.2	1.4	.4	1.7
D. C.	.3	.3	.2	.5	.4	.4
Virginia	1.9	1.8	1.8	3.0	1.5	1.8
West Virginia	1.1	1.2	.9	*	.7	1.8
North Carolina	2.1	2.1	2.2	1.7	.8	3.0
South Carolina	1.6	1.7	1.6	.7	.2	2.0
Florida	1.4	1.4	1.7	2.2	1.4	1.6
Georgia	2.8	2.6	2.8	4.8	1.8	1.3

* Less than .05%

NO. OF APPLICANTS						NO. OF PARTICIPANTS					
TOTAL	SI	AYI	ISI	RPSST	CONF.	TOTAL	SI	AYI	ISI	RPSST	CONF.
22.7	22.4	20.4	25.5	30.7	20.2	23.9	22.5	18.7	27.0	25.7	20.1
29.6	29.0	30.1	32.4	24.7	30.7	28.1	30.1	31.8	24.1	31.5	31.2
31.8	33.0	29.9	26.4	13.9	34.0	31.3	32.0	28.9	31.0	13.7	34.1
15.9	15.6	19.7	15.7	30.7	15.1	16.7	15.5	20.7	17.8	29.1	14.6
6.8	6.8	8.1	6.3	6.3	4.8	6.5	6.4	5.8	6.9	5.8	4.6
.7	.8	1.0	.1	.3	.4	.4	.6	.3	.1	.3	.6
.5	.5	.7	.4	.3	.4	.5	.6	.5	.5	.3	.3
.6	.6	.6	.3	.5	.4	.5	.5	.3	.3	1.0	.3
2.9	2.9	3.8	2.7	3.0	2.0	2.7	2.6	2.7	3.0	2.6	1.6
.6	.5	.9	.6	.7	.3	.4	.3	.9	.6	.5	.2
1.6	1.5	1.1	2.2	1.6	1.3	1.9	1.8	1.1	2.3	1.0	1.6
15.8	15.5	12.3	19.3	24.4	15.5	17.4	16.1	12.9	20.5	19.9	15.5
8.0	7.8	5.9	9.6	14.9	8.5	8.4	8.1	5.0	9.4	13.9	8.0
2.7	2.8	1.4	3.2	4.6	2.2	3.1	3.0	1.4	3.5	3.7	2.0
5.1	4.9	5.0	6.3	5.0	4.8	5.8	5.0	6.5	7.2	2.4	5.5
18.8	17.6	15.2	26.6	16.1	17.2	17.7	18.1	17.3	17.4	17.3	16.5
5.7	4.2	3.2	14.9	3.6	4.1	4.2	4.4	3.7	4.0	2.9	3.5
2.7	2.6	1.7	3.4	2.0	2.8	2.8	2.3	1.9	3.8	1.6	2.8
4.0	4.9	3.5	3.4	4.2	3.4	4.3	4.7	4.1	3.8	4.8	3.9
3.9	4.1	3.7	3.4	2.8	3.6	4.0	4.1	3.6	4.1	3.4	3.4
2.5	2.6	3.1	1.4	3.6	3.3	2.4	2.6	4.9	1.7	4.8	2.8
10.9	11.4	14.9	5.9	8.5	13.5	10.3	11.9	14.4	6.8	14.2	14.7
2.3	2.6	2.9	.5	1.6	2.9	2.0	2.7	3.4	.5	2.4	3.3
2.0	1.9	3.6	1.6	1.8	3.8	2.1	2.1	2.8	1.8	5.0	4.2
2.0	2.1	2.4	1.3	.7	2.0	2.1	2.4	2.2	1.6	.0	2.0
.8	.9	.9	.5	1.3	.8	.6	.5	1.6	.6	3.1	.8
.8	.8	1.0	.2	.9	.5	.5	.6	1.0	.2	1.3	.5
1.1	1.1	1.5	.6	.9	1.3	1.1	1.3	1.1	.7	.3	1.6
1.9	1.9	2.6	1.1	1.3	2.0	1.9	2.2	2.3	1.3	2.1	2.4
14.4	14.6	13.8	13.3	7.9	14.3	14.6	14.1	14.5	15.5	6.6	15.2
.3	.3	.2	.2	1.0	.4	1.3	.3	.2	.2	1.3	.5
1.5	1.6	1.2	1.3	.3	2.0	1.6	1.7	1.1	1.4	.5	2.2
.3	.3	.1	.4	.3	.4	.4	.3	.2	.5	.0	.5
2.3	2.2	2.1	2.8	1.5	2.0	2.4	1.9	2.7	3.3	.8	2.0
1.3	1.5	1.5	*	.6	1.7	.7	1.0	1.1	*	.5	1.6
2.5	2.6	3.2	1.5	.7	3.0	2.2	2.4	1.4	1.8	.0	3.3
1.9	2.2	1.2	.6	.2	1.6	1.5	2.0	2.0	.6	.3	1.7
1.7	1.7	2.0	2.0	1.4	1.7	2.0	1.6	3.5	2.3	2.1	1.9
2.6	2.8	1.9	4.4	1.7	1.3	3.6	2.9	2.4	5.3	1.0	1.6

Table 14 (Cont.)

FOLDOUT 4 (Cont. on next page)

Region of Residence	NO. OF APPLICATIONS TOTAL	SI	AYI	ISI	RPSST	CONF
East South Central	6.1	6.2	6.1	5.8	1.6	7.5
Kentucky	1.0	1.1	.6	1.0	.2	2.1
Tennessee	1.9	1.9	1.3	2.4	1.0	2.7
Alabama	1.9	2.0	2.1	1.0	.2	1.5
Mississippi	1.2	1.2	2.0	1.3	.3	1.1
West South Central	10.1	10.3	8.8	8.2	4.2	13.2
Oklahoma	1.7	1.7	1.5	1.4	1.1	2.2
Arkansas	1.3	1.3	.9	.9	.2	2.7
Louisiana	1.8	1.7	.9	3.1	.3	2.5
Texas	5.3	5.6	4.4	2.7	2.6	5.9
Mountain	5.8	5.5	9.8	5.0	10.0	4.8
Montana	.7	.6	2.0	1.1	.4	.8
Idaho	.5	.4	1.2	.2	.4	.6
Wyoming	.3	.3	.7	.1	.1	.2
Colorado	1.3	1.1	2.5	1.6	2.1	1.5
New Mexico	1.0	1.0	1.5	.3	1.8	.7
Arizona	1.1	1.2	.5	1.2	3.4	.4
Utah	.6	.6	1.0	.2	1.4	.7
Nevada	.3	.3	.3	.3	.4	.0
Pacific	10.9	10.6	12.5	13.0	21.8	9.0
Washington	1.8	1.8	3.1	1.2	1.0	.7
Oregon	1.7	1.7	2.1	2.1	.5	.7
California	7.0	6.8	7.0	9.2	18.8	7.2
Alaska	.1	.1	.1	.0	.0	.3
Hawaii	.3	.3	.3	.4	1.4	.2
Cities						
New York	2.6	2.5	1.0	5.2	1.0	1.8
Chicago	.4	.4	.8	.5	.3	.6
Los Angeles	.4	.4	.2	.6	.5	.7
Philadelphia	.6	.7	.3	.7	.7	1.0
Detroit	.6	.7	.3	.8	.8	1.2
Houston	.4	.4	.1	.5	.4	.7
Baltimore	.5	.5	.3	.5	.2	.5
Cleveland	.2	.2	.1	.2	.5	.3
Washington	.2	.2	.2	.3	.4	.5
St. Louis	.3	.2	.4	.3	.2	.4
Milwaukee	.3	.3	.2	.3	.5	.6
San Francisco	.2	.2	.2	.2	.8	.3
Boston	.2	.2	.1	.2	.4	.3
Dallas	.3	.3	.2	.3	.3	.6
New Orleans	.2	.2	.3	.2	.2	.7
Pittsburgh	.4	.4	.5	.3	.4	.9
San Antonio	.1	.1	.2	.1	.1	.4
Seattle	.2	.2	.3	.2	.1	.3
San Diego	.1	.1	.1	.1	.0	.3
Buffalo	.2	.2	.1	.2	.0	.5

* Less than .05%

NO. OF APPLICANTS						NO. OF PARTICIPANTS					
TOTAL	SI	AYI	ISI	RPSST	CONF.	TOTAL	SI	AYI	ISI	RPSST	CONF.
7.3	7.6	6.6	6.3	.2	6.6	6.7	7.1	4.9	6.3	1.6	5.6
1.3	1.4	.9	1.1	*	1.0	1.3	1.4	1.4	1.3	.0	2.0
2.4	2.5	1.4	2.6	.1	2.2	2.2	2.0	2.0	2.6	1.3	1.6
2.1	2.3	2.6	1.1	*	1.5	1.7	2.2	1.2	1.1	.0	1.3
1.5	1.5	1.6	1.5	*	.9	1.5	1.5	1.6	1.5	.3	1.1
10.2	10.6	9.8	9.0	.4	13.0	10.1	10.7	9.5	9.2	5.5	12.9
1.7	1.7	1.7	1.6	.1	1.6	2.2	2.5	2.0	1.7	1.6	1.6
1.2	1.3	1.1	1.0	*	2.9	1.2	1.2	.6	1.0	.3	3.3
2.2	2.0	2.0	3.4	*	2.8	2.4	1.8	2.4	3.5	.3	2.8
5.1	5.6	5.1	2.9	.3	5.8	4.4	5.2	2.5	3.0	3.4	5.0
6.1	5.8	9.3	5.4	1.0	6.0	5.8	5.7	8.5	2.9	11.0	4.9
.8	.6	1.5	1.3	*	.9	.8	.5	1.6	1.3	.3	.9
.6	.6	1.0	.2	*	.8	.5	.6	1.1	.3	1.6	.3
1.4	.5	.7	.1	*	.3	.4	.6	.5	.1	.0	.2
.4	1.1	2.6	1.8	.2	1.7	1.5	1.2	1.8	1.8	1.3	1.7
.9	1.0	1.0	.2	.2	.9	.6	.8	1.5	.3	3.7	.6
.9	.9	.4	1.2	.4	.4	1.1	1.1	.7	1.2	2.6	.2
.7	.7	1.9	.2	.1	.9	.5	.6	1.1	.2	1.0	1.1
.3	.3	.3	.4	.*	.0	.3	.3	.3	.4	.5	.0
10.4	9.7	10.3	12.2	2.0	10.1	10.9	9.8	12.2	12.4	18.1	8.0
1.7	1.7	2.5	1.3	.1	.9	1.7	1.9	2.4	1.4	.5	1.1
1.6	1.5	1.8	2.2	.1	.5	1.8	1.6	2.3	2.2	.3	.5
6.3	5.8	5.5	8.2	1.7	8.5	6.8	5.6	6.5	8.4	15.7	8.0
.1	.1	.3	.0	.0	.3	.1	.1	.1	.0	.0	.0
.6	.6	.2	.5	.1	.1	.5	.5	.9	.5	1.6	.2
2.8	2.5	1.0	5.6	.5	2.0	2.9	2.6	2.0	3.5	1.3	2.0
.5	.5	.8	.6	.2	.7	.5	.4	1.4	.6	.1	.6
.4	.4	.5	.7	.3	.8	.5	.4	1.8	.6	.1	.6
.7	.7	.5	.9	.4	1.2	.8	.7	2.0	.8	.1	.9
.7	.7	.6	.9	.4	1.3	.8	.7	2.2	.8	.1	1.4
.4	.4	.4	.6	.3	.7	.5	.4	1.2	.6	.1	.6
.5	.5	.5	.6	.1	.4	.6	.6	1.4	.5	.1	.3
.2	.2	.3	.3	.3	.5	.2	.2	.7	.2	.1	.5
.3	.3	.3	.4	.3	.5	.3	.2	.9	.3	.1	.5
.3	.3	.4	.3	.1	.4	.3	.3	.7	.3	.1	.5
.3	.3	.4	.3	.3	.4	.4	.4	.8	.3	.1	.3
.2	.2	.3	.3	.7	.3	.2	.2	.4	.2	.2	.3
.2	.2	.2	.2	.3	.4	.2	.2	.4	.2	.1	.5
.3	.3	.3	.3	.3	.7	.3	.3	.6	.3	.1	.6
.2	.3	.3	.2	.2	.5	.3	.3	.7	.2	.1	.6
.4	.4	.5	.4	.3	.9	.4	.4	.8	.3	.1	.8
.1	.1	.3	.1	.1	.4	.2	.1	.4	.1	.1	.3
.2	.2	.3	.2	.1	.3	.2	.2	.7	.9	*	.3
.2	.2	.2	.2	.0	.3	.2	.6	.5	.1	.0	.3
.2	.2	.1	.2	.0	.5	.2	.2	.4	.1	.0	.5